ABSTRACT OF THE DISCLOSURE

The present invention is a portable UV detector with simple operation, wherein a printed circuit board, a display module and multiple batteries are housed in the cylindrical body. A display panel window is located on the external wall of the cylindrical body to mount the display module with an appropriate UV level indicator. The light detector located underneath the filtering lens is enabled at the push of a button to measure the intensity of incoming light, whenever a user wants to find out the intensity of UV radiation in an outdoor environment. Light of different intensity exhibits different electrical characteristics in terms of current flow, voltage or resistance. Therefore, through the light detector a value is measured and converted to an appropriate reading scale corresponding to the UV radiation level measured which is then shown on the display of the UV detector.